DEVIL'S SLIDE TUNNEL PROJECT

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Insert Location Map Below:

Project Location: The Devil's Slide Project is located on Route 1 in San Mateo County midway between the town of Montara and the Linda Mar District of Pacifica.

Co/Rte/KP/PM: SM/1/58.7-64.5/36.5-40.1

Project Description: This project is to construct a double 30-foot bore 1-lane tunnel, 4000 feet long, with bridge structure approaches, separating the two directions of traffic to bypass the geologically unstable area of Route 1 at Devil's Slide in San Mateo County.

Project Scope:

Existing Funding:

	IIP:	$750,000
	RIP:	$750,000
	DEMO:	$6,000,000
	ER:	$265,019,000

(ER - 100% reimbursable from TEA-21)

Future Funding Need: $0

Total Estimated Cost: $272,519,000

Construction	$229,570,000
Right of Way	$1,325,000
Support	$41,624,000

Project Schedule: PA/ED 06/2002 (completed)
Split into 7 projects: First RTL 06/2004
Last RTL 12/2009

PROJECT INFORMATION

Purpose & Need for the Project: The purpose of this project is to construct a double 30-foot bore 1-lane tunnel, 4000 feet long, with bridge structure approaches, separating the two directions of traffic to bypass the geologically unstable area of Route 1 at Devil's Slide in San Mateo County.

Since the construction of the existing Devil's Slide portion of Route 1 in 1937, the project area, characterized by the steep, rocky coastline, is often subject to road closures from landslides, rock falls and subsiding grade, which results in diminished roadway width. A large section of the steep ocean-facing cliff is progressively sliding into the ocean, destroying the road in the process. Although the present facility is deficient in shoulder width, grades and sight distance, the primary concern is stability. Despite drainage improvements, pavement reinforcements and rock anchors, the segment continues to experience problems and closures which inconveniences coastal residents and impacts coast side businesses and families economically.

The cost of maintaining the unstable roadway in the future will continue to escalate with subsequent slide activities. Because of more than a half century of continual problems and closures at Devil's Slide, Caltrans and the Federal Highway Administration have sought a permanent solution that results in a stable and safe roadway for this portion of Route 1. The proposed project addresses the problems and deficiencies described above by providing an alignment inland of the unstable slide plane. The tunnel alternative is consistent with restricting Route 1 to a two-lane facility using minimum State/Federal standards and provides for separate bicycle/pedestrian movements outside the facility.

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